

Converting Colors

CIELCh(42, 7.221, 77.503)

Have a look what the booklet for
CIELCh(42, 7.221, 77.503) contains.

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Color

CIELCh(42, 7.195, 76.089)

Conversions

Conversions Part 1

Format	Color
Hex	6B6258
RGB	107, 98, 88
RGB Percent	42%, 38%, 35%
CMY	0.5814, 0.6166, 0.6559
CMYK	0.00, 0.08, 0.18, 0.58
HSL	32°, 10%, 38%
HSV	32°, 18%, 42%
XYZ	12.1292, 12.5000, 10.9533
YIQ	99.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

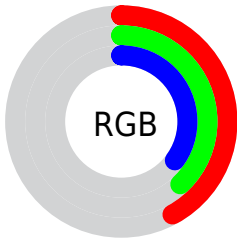
Format	Color
R _Y B	105, 107, 88
Decimal	7037528
CIE Lab	42.00, 1.73, 6.98
CIE LCh	42, 7.195, 76.089
Yxy	12.5000, 0.3409, 0.3513
Android (android.graphics.Color)	4285227608 (0xFF6B6258)
YUV	99.5510, -5.6946, 6.5328
Hunter-Lab	35.3553, -0.6346, 6.3804

Details

The CIELCh color **42, 7.195, 76.089** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 6.941, 260.619**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 7.117, 79.032**, and **22, 6.964, 78.849** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.469, 74.899**, and if you desaturate by 10%, it is **44, 3.087, 77.252**.

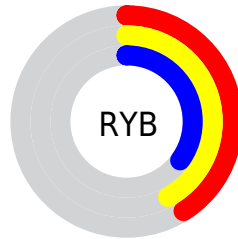
Distribution



Red (42%)

Green (38%)

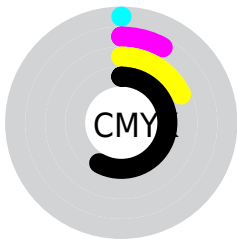
Blue (35%)



Red (41%)

Yellow (42%)

Blue (35%)

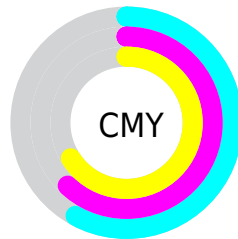


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 7.195, 76.089 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 42, 7.195, 76.089 by changing the saturation by 10% instead.

■ 42, 7.195, 76.089 ■ 42, 7.195, 76.089

■ 100, 7.195, 76.089 ■ 32, 7.195, 76.089

■ 62, 7.195, 76.089 ■ 22, 7.195, 76.089

■ 72, 7.195, 76.089 ■ 12, 7.195, 76.089

■ 82, 7.195, 76.089 ■ 2, 7.195, 76.089

■ 92, 7.195, 76.089 ■ 0, 7.195, 76.089

■ 42, 7.195, 76.089 ■ 42, 7.195, 76.089

■ 40, 11.469, 74.899 ■ 44, 3.087, 77.252

■ 39, 15.913, 73.672 ■ 46, 0.865, 258.740

■ 37, 20.520, 72.426 ■ 47, 4.676, 259.663

35, 25.257, 71.153

49, 8.358, 260.736

34, 30.047, 69.831

51, 11.924,
261.782

32, 34.734, 68.398

53, 15.388,
262.790

31, 39.020, 66.728

30, 42.990, 65.009

55, 18.759,
263.756

29, 43.912, 64.703

56, 22.048,
264.680

58, 25.264,
265.561

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42, 7.195, 76.089



41, 6.941, 260.619

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42, 7.195, 76.089



42, 7.195, 126.089



42, 7.195, 256.089



42, 7.195, 306.089

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42, 7.195, 76.101



56, 2.428, 77.526



39, 9.786, 346.010



28, 1.646, 77.477



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42, 7.195, 76.101



53, 10.547, 75.651



45, 11.264, 109.260



21, 2.238, 77.122



32, 47.246, 64.412



66, 82.063, 62.106

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41, 6.941, 260.619



51, 10.085, 261.204



38, 11.705, 292.620



21, 2.204, 259.399



24, 41.178, 284.648



51, 75.141, 287.381

Previews

White Background



This preview shows how the CIELCh color 42, 7.195, 76.089 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 7.195, 76.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

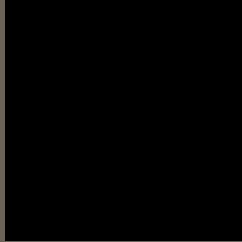
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 7.195, 76.089

Background



This preview shows how black text looks on a background with the CIELCh color 42, 7.195, 76.089.



This preview shows how white text looks on a background with the CIELCh color 42, 7.195, 76.089.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


42, 7.195, 76.089

Protanopia

42, 6.834, 94.439

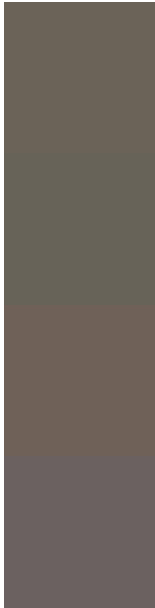
Deuteranopia

42, 8.946, 52.521



Tritanopia
42, 6.881, 342.513

Trichromacy



Original Color

42, 7.195, 76.089

Protanomaly

42, 6.958, 90.947

Deuteranomaly

42, 8.225, 60.880

Tritanomaly

42, 4.669, 19.944

Monochromacy



Original Color

42, 7.195, 76.089

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 2.711, 81.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 7.195, 76.089 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 98, 88)` looks like.

```
.text, #text, p{  
    color:rgb(107, 98, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 98, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 98, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 7.195, 76.089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 98, 88) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 98, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 98, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 98, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 98, 88);  
box-shadow:4px 4px 4px 4px rgb(107, 98,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 7.195, 76.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 98, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107, 98,  
88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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